In consideration of the type (Tier) and content (Exposure Pathways) of an HRA, the purpose of the following table is three-fold. First, it illustrates the similarity of files required when reviewing any type of HRA that is run in HARP. Second, under the column "Complete HRA Review", is a list of (ALL) HARP files needed when performing a formal review (under Hot Spots) or for comprehensive documentation of a health risk assessment. Third, an (X*) identifies the minimum files needed to run HARP when troubleshooting individual sections or an entire health risk assessment.

TABLE 3: FILE MATRIX FOR VARIOUS TYPES OF HEALTH RISK ASSESSMENTS(1)

Type of Heath Risk Asessment						Data Files	File Description
Tier 1 or 2		Tier 3 or 4		Refined Acute Analysis	Complete HRA Review (Full)		
Inhalation Only	Multiple Pathways	Inhalation Only	Multiple Pathways				
X*	**X***	**X***	**X***	**X***	**X***	(filename.TRA)	HARP Transaction Files for the Facilities, Buildings, and Property Boundaries
X*	**X***	**X***	**X***	**X***	**X***	(filename.REC)*	HARP Transaction Files for the Source Receptors
X	X	X	X	X	X	(HARP.MDB or filename.MDB)	Facility Database for included Facilities, Buildings, and Property Boundaries (ALTERNATIVE TO TRANSACTION FILES)
X*	**X***	**X***	**X***	**X***	**X***	*	Provide HARP Default Coordinate System that was used (listed under Utilities -- e.g., UTM NAD83)
		X*	**X***	**X***	**X***	(Health.MDB)	Health Factor Database
X*	**X***	**X***	**X***	**X***	**X***	(filename.ISC)	ISC workbook file with all ISC parameters
					X	(filename.INP)*[b]	ISC input file generated by HARP when ISC is run
					X	(filename.OUT)*[b]	ISC output file generated by HARP when ISC in run
					X	(filename.ERR)[b]	List of error messages generated by ISC
X	X	X	X	X	X	(filename.PLT)[b]	Plot file generated by ISC
X*	**X***	**X***	**X***	**X***	**X***	(filename.MET)*	Representative meteorological data used for the facility air dispersion modeling
X*	**X***	**X***	**X***	**X***	**X***	(filename.DEM)*	Any digital elevation model files (if applicable)
X*	**X***	**X***	**X***	**X***	**X***	(filename.XOQ)*[b]	Average and maximum χ/Q values for each source-receptor combination; generated by ISC
X	X	X	X	**X***	**X***	(filename.BIN)	ISC binary output file (FOR REFINED ACUTE ANALYSIS ONLY); holds χ/Q for data for each hour
X*	**X***	**X***	**X***	**X***	**X***	(filename.SRC)	Sources receptor file; contains list of sources and receptors for the ISC run; generated by HARP when you set up ISC
X*	**X***	**X***	**X***	**X***	**X***	(filename.EMS)	Emission Rate files (if applicable)
X*	**X***	**X***	**X***		**X***	(filename.SIT)	Site-specific parameters used for all receptor risk modeling
X*	**X***	**X***	**X***		**X***	(filename.ADJ)	(Screening) Adjustment Factor Files (IF SCREEN MET IS USED)
X	X	X	X	X	X	(filename.RSK)	Point estimate risk values generated by HARP; this file is updated automatically each time you perform one of the point estimate risk analysis functions
X*	**X***	**X***	**X***	**X***	**X***	(Census.MDB)	Database for Census (population) file.
X*	**X***	**X***	**X***	**X***	**X***	(ExceptionReport.TXT)	HARP Exception Report
X	X	X	X	X	X	(filename.TXT)	Risk Result Text files for Key Receptors (STANDARD REPORT SET)
					X	(filename.MAP)	Map file used to overlay facility and receptors
		X	X		X	(filename.CSV)	STOCHASTIC Raw sample data
		X*	**X***		**X***	(filename.SPL)	STOCHASTIC Sample File
		X*	**X***		**X***	(filename.TXT)	STOCHASTIC Summary Report

(1) All HRAs must include a Tier 1 risk assessment.

X* Identifies the minimum files needed to run HARP when troubleshooting individual types or an entire health risk assessment.

b Identifies files that will have duplicate names in the project directory when the emission rate tab is used in HARP. These files will be identified in the project directory as filename and filename +"b". Both of these files should be included to maintain a complete record.